

IN THE ABSTRACT

Replace the abstract originally provided on page 51 of the application with the new abstract as follows. A new abstract numbered page 51 is enclosed for the last page of the application following the claims.

ABSTRACT OF THE DISCLOSURE

There are provided an azimuth measurement device and its method for realizing an update of an offset calculated from the data acquired by azimuth measurement. A geomagnetism output measured by a 3-axis magnetic sensor is amplified and input to an A/D conversion section. A chopper section is arranged for switching the terminals for driving an X-axis, Y-axis and a Z-axis magnetic sensor and applies drive voltage output from a drive power source section to the X-axis, the Y-axis and the Z-axis magnetic sensor. The output amplified value amplified by the amplification section is converted from an analog signal to a digital signal by the A/D conversion section and then is input to a sensitivity/offset correction calculation section. Output data from this sensitivity/offset correction calculation section is input to an azimuth calculation section and the corresponding azimuth information is output. A reliability information calculation section outputs reliability information.